HARSH PATEL

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PROFESSIONAL SUMMARY

Senior DevSecOps Engineer with 5+ years of experience delivering secure, scalable, and automated infrastructure solutions in multi-cloud environments (AWS, Azure). Proven expertise in CI/CD pipeline engineering, infrastructure-as-code (Terraform, Ansible), Kubernetes security, and cloud-native development practices. Adept at driving DevSecOps transformation and compliance across cross-functional teams. Canadian citizen with full work rights in Germany, fluent in English, and actively seeking English-speaking DevOps roles in Germany.

CORE SKILLS

DevSecOps: Secure SDLC, SAST, DAST, IaC Scanning, Container Hardening, Policy Enforcement
Cloud Platforms: AWS (Certified), Azure (Used heavily at work), GCP (Basic), OpenStack
IaC & Automation: Terraform, Ansible, CloudFormation, Jenkins, GitLab CI, Helm
Containers & Orchestration: Docker, Kubernetes (AKS, EKS), Cosign, Admission Controllers
Languages: Python, Bash, Powershell, Golang
Security Tools: Prisma Cloud, BlackDuck, SonarQube, Check Point NGFW, WAF
Monitoring & Logging: Splunk, SIEM, ELK Stack, Prometheus
Other Tools: Artifactory, Vault, Git, JFrog, VMware, Hyper-V, Nexus

EXPERIENCE

Telesat LEO   Ottawa, ON
DevSecOps Lead   09/2024 – Present

- Implemented container signing with Cosign and enforced admission policies using Policy Controller to secure Kubernetes workloads in AKS.
- Strengthened cloud-native security by integrating supply chain security practices, enforcing image provenance verification, and managing policy-based controls
- Partnered with platform and security teams to enforce a secure AKS baseline via Azure Policy, resulting in a 40% reduction in security misconfigurations across environments.

Dell Technologies, 5G Telco   Ottawa, ON
Senior DevOps Engineer   05/2021 – 09/2024

- Led the overhaul of build and release processes at Dell Technologies, implementing CI/CD pipelines using GitLab and Jenkins, which reduced deployment times by 30% and improved system uptime.
- Transitioned from infrastructure engineering to specialize in data infrastructure engineering, leading initiatives that improved data system reliability by 30% over 2+ years.
- Administered Linux major distributions in production, optimized workflows using Bash and Python scripting, and implemented IaC with Terraform and CloudFormation, achieving a 25% increase in system deployment, performance and reliability.
- Managed **GitLab SaaS** platform, including configuration and deployment of **GitLab Runners**, integration of **SAST** tools, and implementation of **container scanning** for security vulnerabilities, ensuring secure and efficient CI/CD pipelines
- Utilized a broad set of tools, including AWS, Azure, Docker, Kubernetes, GitLab, Terraform, and Python, to streamline and automate DevOps workflows, enhancing operational efficiency and supporting scalable infrastructure

Dell Technologies — Ottawa, ON
DevOps Engineer — 03/2021 – 05/2021

- Automated daily tasks like patching, logging, file sync, and backup using Ansible, Terraform, Python, Bash Scripting, and Jenkins, reducing manual workload by 40%.
- Applied strong understanding of data center technologies, including server, storage, and networking components, and used automation tools to enhance system efficiency and reliability.
- Diagnosed and resolved data center issues, such as network outages, hardware failures, and software glitches, reducing downtime by 15% and ensuring continuous system availability.
- Administered virtualized infrastructure using VMware, OpenStack, and other platforms for 5G network functions virtualization (NFV), resulting in a 20% improvement in network function efficiency.

Check Point Software Technologies — Ottawa, ON
Technical Engineer — 05/2019 – 03/2021

- Configure and troubleshoot blades like ClusterXL, CoreXL, Identity and Content Awareness, Threat Extraction and Prevention, IPSec and SSL VPN, Content filtering, Data Loss Prevention
- Conducted vulnerability analysis, threat assessment, and forensics, reducing potential security threats by 20% and improving incident response times.
- Diagnosed, researched, and resolved technical issues in line with company standards, improving response times by 15% and maintaining a 100% customer satisfaction rate.

Rogers Communications Canada Inc — Saskatoon, SK
Small Business Specialist — 08/2018 – 05/2019

- Was consistently in Top 10 Reps from across Canada in terms of attach-rate with subscriptions and helped store reach *Store-of-the-quarter 2 times* in past year
- Deliver a superior and consistent customer experience while also maintain clean record of customer satisfactory surveys at 100% in the past year & conspicuously reach and exceed monthly/weekly/quarterly targets

EDUCATION

Seneca College — Toronto, ON
Computer Systems Technician, Diploma – GPA 3.8/4.0 — 01/2017 – 08/2018

Database Design and SQL with Oracle, Advanced Data Communications, Open System Server, Scripting and PowerShell, Python, Windows Server Administration, Windows Active Directory Service

CERTIFICATION

AWS Certified Solutions Architect - Associate (SAA-C03)
Date of Certification: October 4, 2023

In-depth knowledge of AWS services, architectures, and best practices for building resilient and cost-effective solutions.

PROJECTS

Cloud Infrastructure Transformation and Automation — 09/2022 – Present

Modernize and automate the existing infrastructure, leveraging cloud technologies and DevOps practices, resulting in improved scalability, efficiency, and reliability. This project leveraged tools like Ansible, Docker, Kubernetes, Jenkins, Git, OpenStack, Terraform, Python, Bash, and other related technologies to achieve the desired outcomes

WordPress Site with AWS Backend — 11/2021 – Present

Learned to create a WordPress site with EC2 Backend, successfully integrated MySQL. Made it more efficient and responsive by optimizing via AWS CloudFront and Cloudflare services. Deployed and managed with Terraform.